

Scales and Weighing



Scene of large waste trucks being weighed at disposal facility scales.

Scale & Weighing: Rural/Non-rural Landfills & WTE Facilities

- **Different scale requirements for landfills operating in a rural area**
- **Rural cities and counties are defined in Public Resources Code 40183 and 40184 based on:**
 - **Population and**
 - **Waste disposal rates**

What is a Rural Landfill?

- Landfills located in an area **identified** as rural
- For CIWMB assistance to determine if a facility is rural, contact CIWMB staff at WasteLine@ciwmb.ca.gov or (916) 341-6675



Entrance gate to the landfill.



Landfill bulldozer and private truck parked in a vacant area of landfill.

Rural Landfills: Scale Requirements

- Scales **are required** for landfills that:
 1. Take in **more than** 200 tons, or 800 cu. yds. of garbage a day
AND
 2. Operate **more than** 52 days a year

Note: CIWMB staff analysis during the regulatory process indicated no rural facilities would be required to have a scale that do not already one installed onsite.



Rural Landfills: Weighing Requirements

- **Weigh every compacted load and every uncompacted load of waste greater than 12 cu. yds.**
- **Use volumetric conversion factors to estimate the weight of each load not weighed:**
 - **Loads less than 12 cu. yds. that are not weighed**
 - **Inoperable Scales**



This scene shows a gatehouse in the lower portion of the picture, with a path up the side of the mountain leading to the landfill.

What is a Non-rural Landfill?

- **Landfill located in an area not identified as rural**
- **For CIWMB assistance to determine if a landfill is non-rural, contact CIWMB staff at WasteLine@ciwmb.ca.gov or (916) 341-6675**

Non-rural Landfills: Scale Requirements

Scales are required for landfills that:

1. Take in **over** 100 tons, or 400 cubic yards of garbage a day
AND
2. Operate **more than** 52 days a year

Note: CIWMB staff analysis indicated that 233 facilities statewide would be required to have scales and of those 233 facilities, only 7 do not already have a scale installed onsite.



Non-rural Facilities: Weighing Requirements

- Weigh every compacted load and every uncompacted load of waste greater than 12 cu. yds.
- Use volumetric conversion factors to estimate the weight of each load not weighed:
 - Loads less than 12 cu. yds. that are not weighed
 - Inoperable Scales



This scene depicts dump trucks and other trucks being weighed and on their way to the landfill.

Volume-to-Weight Conversion Factor Rules for Landfills & WTE Facilities

- Conversion factors are needed for all:
 - Vehicle/Trailer, and
 - Load types



A solid waste gatehouse with a truck delivering waste.

- Conversion factors must be based on average weights obtained during a minimum 7-day survey period conducted at least every 5 years.

California Integrated Waste Management Board



Self haulers and large waste disposal trucks waiting to enter the gatehouse at the disposal facility.

- **Conversion factors for each vehicle, trailer, and load type must be based on representative sampling**
- **Factors and methods used must be provided in an annual report of methods**
- **All documentation must be made available for CIWMB review (upon request)**

Scale Exemptions & Alternative Weighing Requirements for Landfills & WTE Facilities

- **Scale exemption for hardship**
- **Alternative weighing system**
- **Requests must include facility information & reasons for exemption or alternative system**



This is the landfill. To the right is an umbrella shaded post. To the left is a large bulldozer covering the waste.

Scale Exemptions and Alternative Weighing Requirements

- **30-day notice to all applicable parties**
 - **Haulers**
 - **County/Regional Agency where facility is located**
 - **Cities and counties**
 - **Local Task Force**
- **Submit request to CIWMB for review**
- **CIWMB may withdraw exemption or alternative system if requirements are no longer met.**